



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4486

SERIAL NUMBER 09/892,630	FILING DATE 06/28/2001 RULE	CLASS 174	GROUP ART UNIT 2841	ATTORNEY DOCKET NO. 3008-28
-----------------------------	-----------------------------------	--------------	------------------------	--------------------------------

APPLICANTS

Seigi Aoyama, Ibaraki, JAPAN;
 Takaaki Ichikawa, Ibaraki, JAPAN;
 Hiromitsu Kuroda, Ibaraki, JAPAN; Takashi Nemoto, Ibaraki, JAPAN;
 Atsushi Otake, Ibaraki, JAPAN;
 Hiroyoshi Hiruta, Ibaraki, JAPAN;

T? No

** CONTINUING DATA *****

m 49

** FOREIGN APPLICATIONS *****

JAPAN 2001-61650 03/06/2001 NO

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 08/15/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged Examiner's Signature	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY JAPAN	SHEETS DRAWING 4	TOTAL CLAIMS 13	INDEPENDENT CLAIMS 3
--	---	------------------------------	------------------------	-----------------------	----------------------------

2 2

ADDRESS

20457
 ANTONELLI, TERRY, STOUT & KRAUS, LLP
 1300 NORTH SEVENTEENTH STREET
 SUITE 1800
 ARLINGTON, VA
 22209-3873

TITLE

Lead-free solder, and connection lead and electrical component using said lead-free solder

FILING FEE RECEIVED 1278	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
--------------------------------	---	---